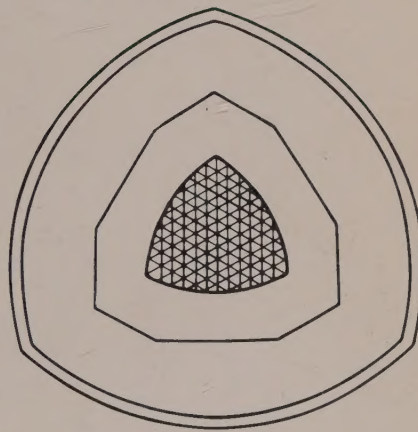
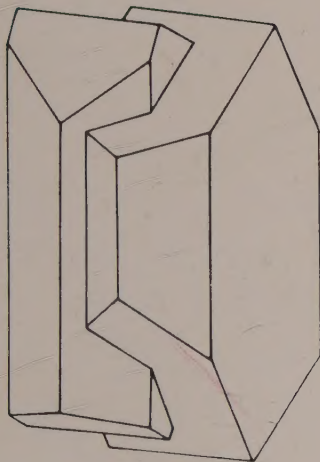


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ERRATA

Mineralogical Abstracts, Vol. 38

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|----------|--|----------|---|
| 87M/0600 | for Na ₂ O read Na ₂ O | 87M/3131 | for Betakhtinde read Betekhtinite |
| 87M/0928 | for St Helens read St Helena | 87M/3134 | for vysotaskite read vysotskite |
| 87M/1734 | for N. Mumayun read M. Humayun | 87M/3154 | for Machós read Machów |
| 87M/3126 | for $\dot{a} = a \div 2$ read $\dot{a} = a \times 2$ | 87M/3161 | for curces read curves |
| 87M/3127 | for meteoritic read meteoric | 87M/3167 | for γ 1-60, 2V _a read γ 1-650, 2V _{γ} |
| 87M/3130 | for chromite-rich read chrome-rich | | |

ORGANIZATION OF ABSTRACTS

Arising from a decision taken at the meeting of the INTERNATIONAL MINERALOGICAL ASSOCIATION in Copenhagen in 1961 the Mineralogical Societies of America and Great Britain agreed to issue a joint statement to National Societies adhering to the Association inviting each Society to organize contributions of abstracts of papers published in the journals of its country on subjects relevant to *Mineralogical Abstracts*. This invitation was issued and has brought a gratifying response. Members of Societies which have agreed to co-operate in this way are entitled to receive *Mineralogical Abstracts* for their personal use at a reduced rate of subscription on application, which must be made through their National Society. The countries now co-operating include: AUSTRALIA, AUSTRIA, BELGIUM, BULGARIA, CANADA, CZECHOSLOVAKIA, DENMARK, FINLAND, FRANCE, GERMANY, INDIA, ISRAEL, ITALY, JAPAN, NETHERLANDS, NEW ZEALAND, NORWAY, PAKISTAN, PORTUGAL, SOUTH AFRICA, SPAIN, SWEDEN, SWITZERLAND.

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ABBREVIATIONS AND SYMBOLS

used in the text of abstracts

M.M. . . . Mineralogical Magazine : M.A. . . . Mineralogical Abstracts : A.M. . . . American Mineralogist

CHEMICAL & PHYSICAL CHEMICAL

atomic absorption spectrophotometry	AAS
cation-exchange capacity	c.e.c.
concentrated	conc.
differential thermal analysis	DTA
dilute	dil.
disintegrations per minute	d.p.m.
equivalent U_3O_8	eU_3O_8
ethylenediaminetetra-acetic acid	EDTA
fugacity	f
gas chromatography	GC
heat of formation (absolute temperature subscript)	ΔH_f°
hydrogen ion conc. acidity	pH
insoluble residue	insol. res.
isotopes, e.g.	$^{40}Ar, ^{40}K$
large ion lithophile	LIL
loss on ignition	ign. loss
mid-ocean ridge basalt	MORB
milliequivalent	me.
mass spectrometry	MS
microgramme	μg
million-years	m.y.
neutron activation analysis	NAA
not determined	n.d.
not found	nt. fd.
not present	nil
nuclear magnetic resonance	NMR
parts per billion	ppb
parts per million	ppm
rare earths	REE
standard mean ocean water	SMOW
strength of solution, normal	N
— — — molar	M
substances in ionic state	
anions, e.g.	Cl^-, SO_4^{2-}
cations, e.g.	K^+, Fe^{3+}
thermogravimetric analysis	TGA
trace	tr.
X-ray powder diffraction	XRD
X-ray fluorescence analysis	XRF

CRYSTALLOGRAPHIC & STRUCTURAL

Ångstrom unit (10^{-8} cm)	Å
crystal axes	a, b, c
—face indices	(hkl)
—form indices	{hkl}
—zone indices	[hkl]
indices of X-ray diffractions	hkl
intensity	I
—relative	I/I_0
interplanar spacing	d
mica structural polymorphs	$1 M_1, 2 M$
Siegbahn units	kX
unit cell, formula units	Z
— — — repeat distances	a, b, c

— — — reciprocal lattice lengths of edges	a^*, b^*, c^*
— — — interaxial angles direct lattice	α, β, γ
— — — reciprocal lattice	$\alpha^*, \beta^*, \gamma^*$

OPTICAL

dispersion, e.g.	$r > v$
transmission electron microscopy	TEM
extinction angle, e.g.	$\gamma:c$
infrared	IR
optic axial angle	2V
— — — plane	O.A.P.
refractive index in text	refr. ind.
— — — of isotropic mineral	n
refractive indices	
of uniaxial mineral	ω, ϵ
of biaxial mineral	α, β, γ
scanning electron microscopy	SEM
sign of biaxiality	
negative	$2V_\alpha$ or —
positive	$2V_\gamma$ or +
ultraviolet	UV

PHYSICAL

calculated	calc.
cycles per second	c/s
degree centigrade	$^\circ C$
density	D (quote units)
—, relative, e.g.	D^{20}_4
electron paramagnetic resonance	e.p.r.
hardness	H.
kilobar (0.1 GPa)	kbar
melting-point	m.p.
micron (10^{-3} mm)	μm
nanometre (10^{-6} mm)	nm
natural remanent magnetization	n.r.m.
pressure	P
soluble	sol.
specific gravity, terms of reference	
not known	sp. gr.
temperature	T
thermoluminescence	TL
Vickers hardness number	VHN
wavelength	λ

SYMBOLS

approximately equal to	\sim
equal to	$=$
equal to or greater than	\geq
equal to or less than	\leq
greater than	$>$
less than	$<$
not equal to	\neq
parallel to	\parallel
per cent	%
per mille	‰
perpendicular to	\perp
proportional to	\propto

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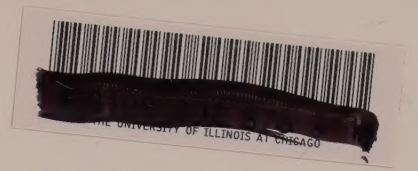
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